Field Operations and Technology
for Enhanced Performance

ELECTRONIC COLLECTION OF FIELD DATA

George White
CEO/Co-Founder

HEADLIGHT®

THE CONSTRUCTION
INDUSTRY IS EXPERIENCING
PROFOUND DISRUPTION
#areyouready?

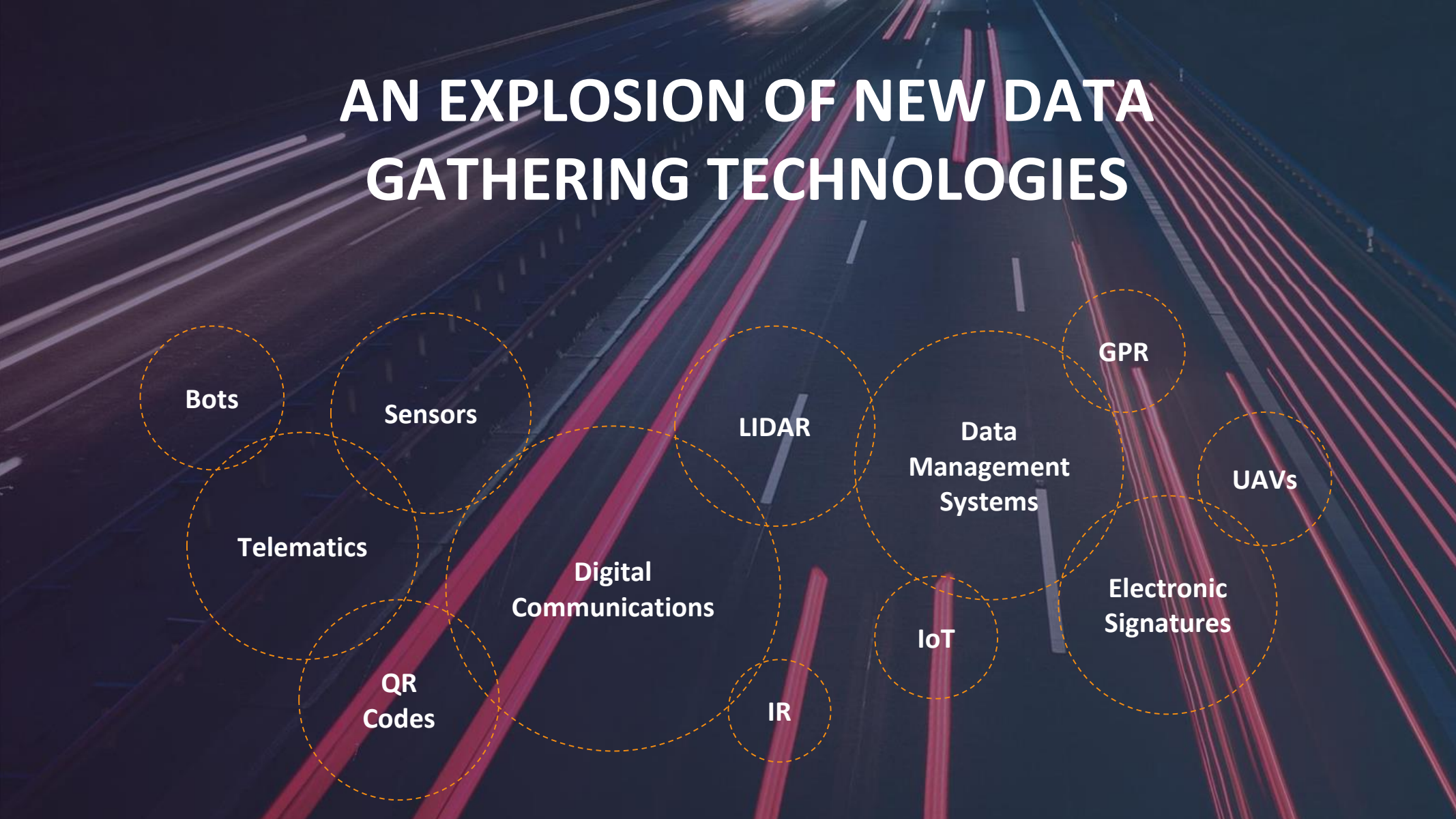
WHAT IS DISRUPTION?

Disruption is a business model change where segments of an industry cannot adapt

NEW APPROACHES TO ALL ASPECTS OF ASSET CONSTRUCTION

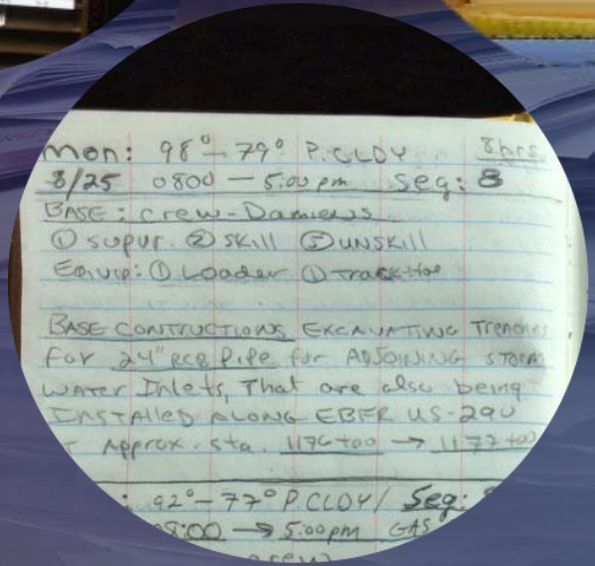
Ownership	State	»	Public/Private
Delivery	Design/Bid/Build	»	Design/Build, CM/GC, etc.
Financing	Public	»	PPP

AN EXPLOSION OF NEW DATA GATHERING TECHNOLOGIES



NEW APPROACHES OFFER PROMISE BUT EXECUTION IS VERY COMPLEX

STATUS QUO IS OBSOLETE



AND PROJECTS ARE BECOMING MORE CHALLENGING AND RISKS ARE GROWING

"Projects are over Budget 80% of the time and take 20% longer to finish. The industry is ripe for disruption."

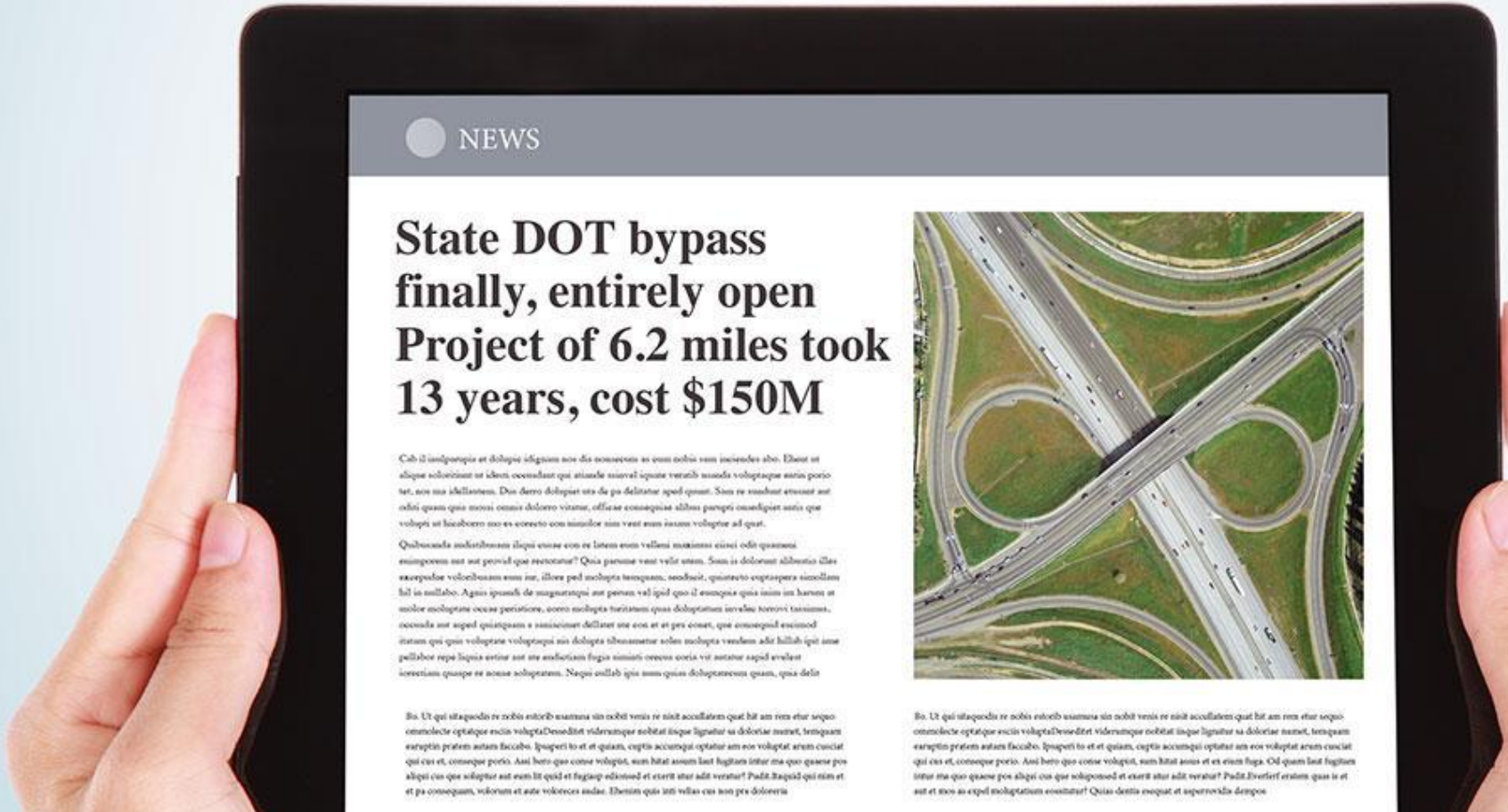
McKinsey, 2016

#reducerisk

HARD TO DEFEND CLAIMS

POOR COLLABORATION AMONG PROJECT TEAMS

PUBLIC OUTRAGE DUE TO BUDGET AND TIME OVERAGES



WHAT IF BY THIS TIME NEXT YEAR
YOU COULD GREATLY REDUCE YOUR
EXPOSURE TO ALL OF THAT RISK?

#whatsyourprojectIQ?

IT'S A NEW WAY OF THINKING

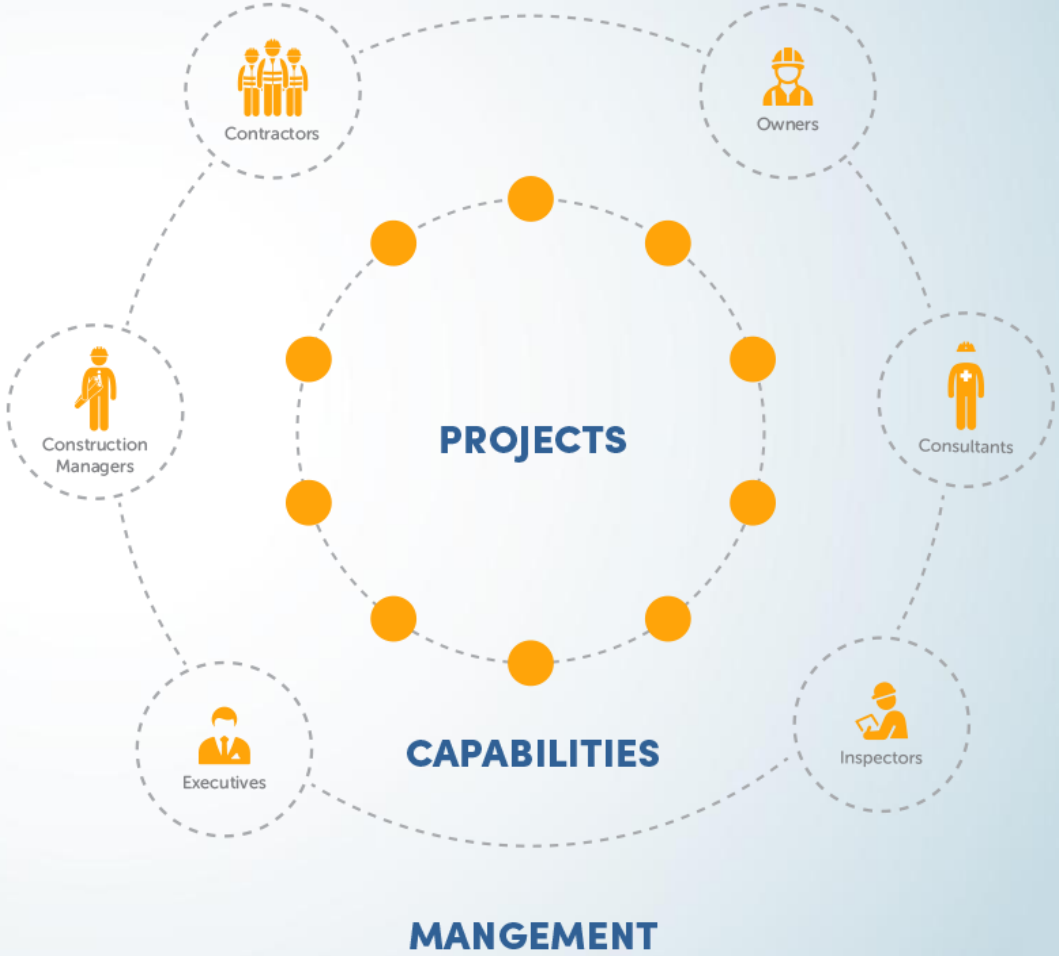
Project

Inspector

Report

Management

VS.



AND A NEW PARADIGM FOR DISTRIBUTING INFORMATION

VS.

#beyondreports

ACCUMULATED PROJECT INTELLIGENCE BECOMES ASSET INTELLIGENCE

THAT'S WHY WE BUILT HEADLIGHT

HEADLIGHT®

PROJECT INTELLIGENCE IN ACTION

EASE OF USE

> HeadLight gives us the ability to collect lots of data in little time. We are able to generate, customer facing, professional looking reports in as little as 5-10 minutes. We are able to spend time on the job vs. the time it takes to create reports.

- Inspector

IMPROVE PROJECT VISIBILITY

> HeadLight is a living record of what happened on the project, available to us after we have delivered. HeadLight allows us remote access anywhere so that we can see actions in the field as the work is done.

- Project Manager

PROJECT INTELLIGENCE REDUCES RISK

> HeadLight gives inspectors the ability to find, access, and share reliable information in a way that was previously unavailable. HeadLight provides the Department the ability to find information when they need it and specifically what happened on that day.
>
> *- Project Manager, State DOT*

WIN MORE WORK

“Investing in innovative technology like HeadLight gives us the tools needed to observe, document and archive project details, such as site conditions and material delays, enabling us to provide superior outcomes for our clients. It’s a value add that really differentiates us from our competition.”

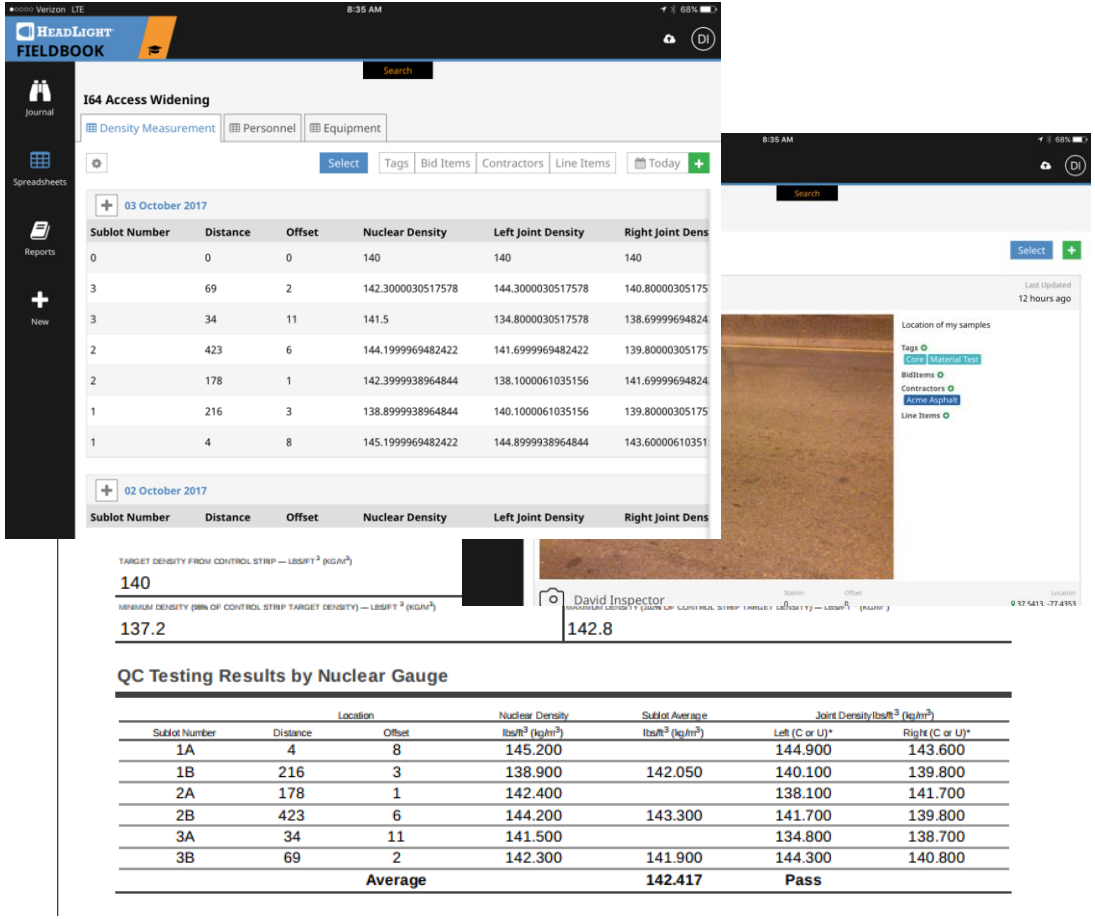
- VP Operations

PROJECT INTELLIGENCE IN ACTION

Project Intelligence In Action

Example:

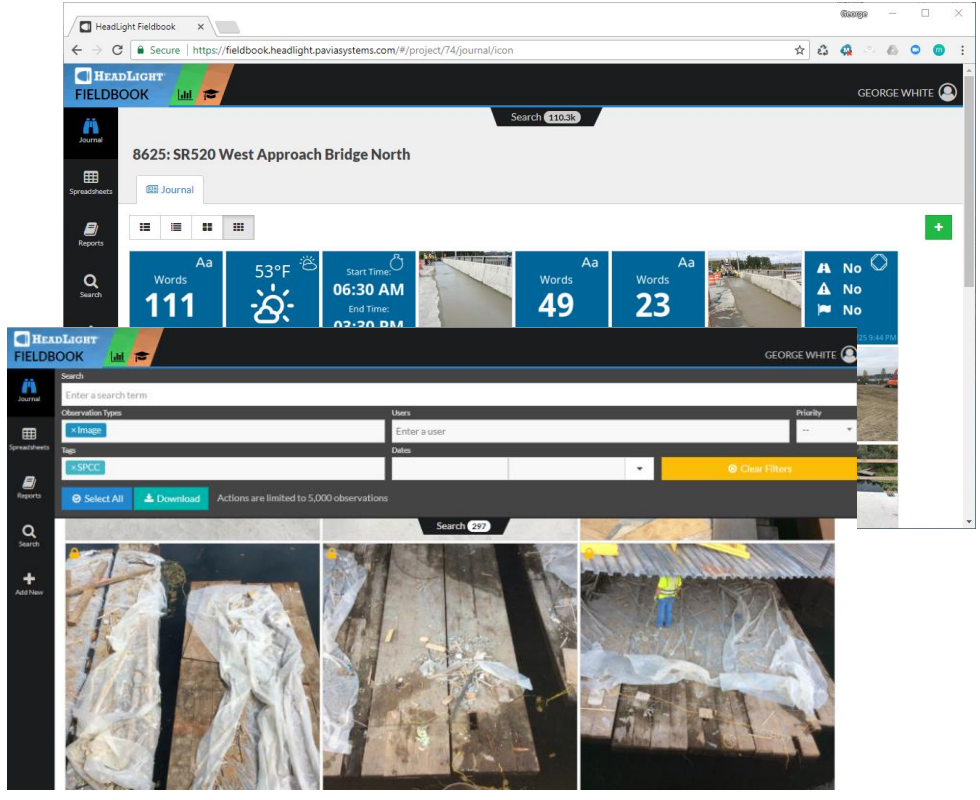
- Collecting density data via mobile device and allowing for auto completion and auto calculation of existing forms digitally to eliminate paper processes



Project Intelligence In Action

Example:

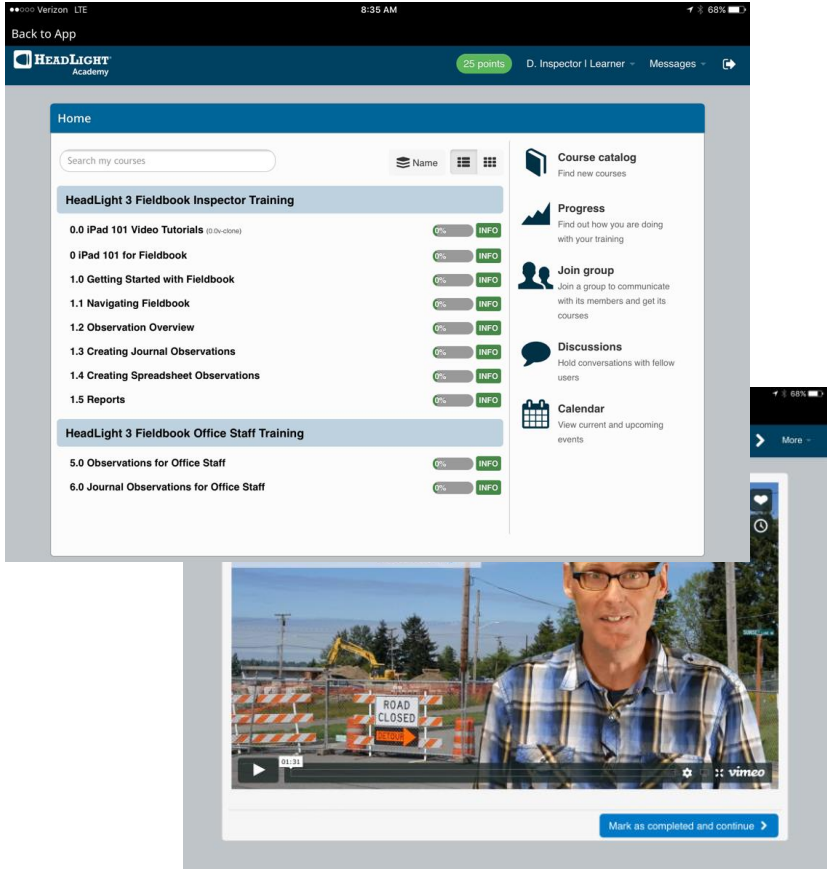
- Fuel spill on construction job reported by neighbor and need to verify documentation and communicate to environmental services



Project Intelligence In Action

Example:

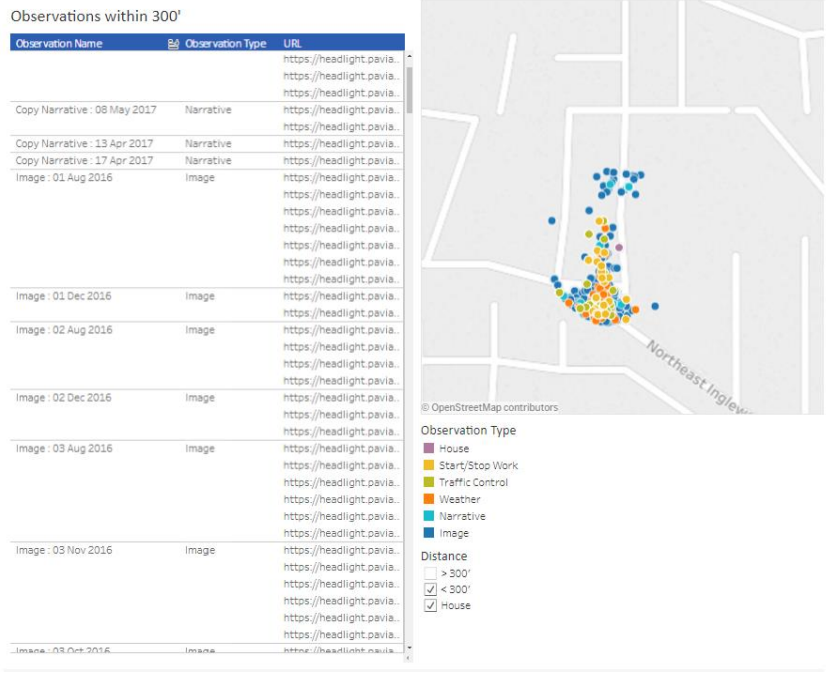
- Deliver <u>just in time training</u> to personnel in the field
  - Toolbox talk
  - Refresher on what to look for when observing thin overlay construction.



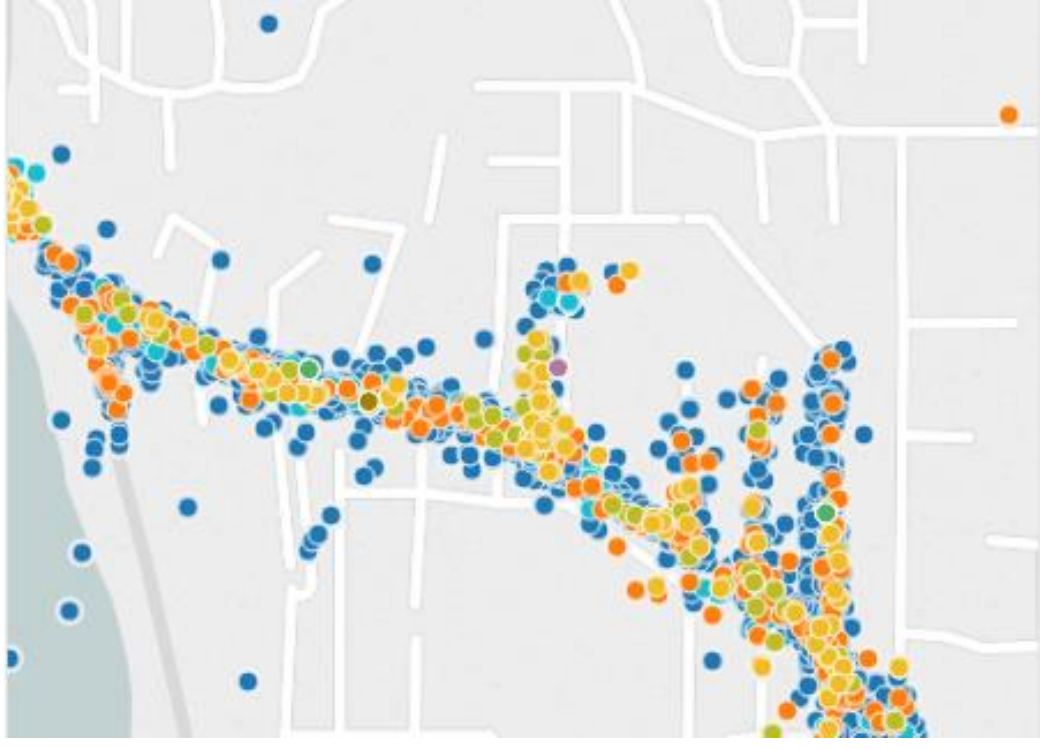
Project Intelligence In Action

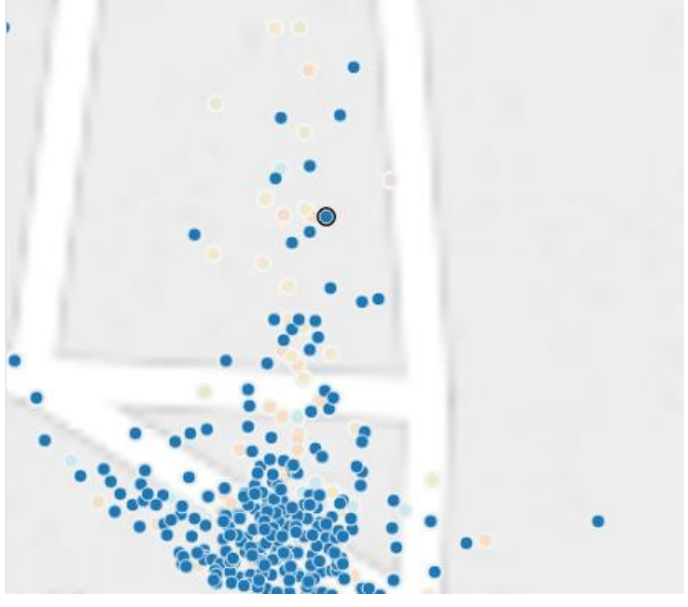
Example:

- Search for evidence and supporting information to respond to claim from neighbor regarding damage to their driveway from construction activities



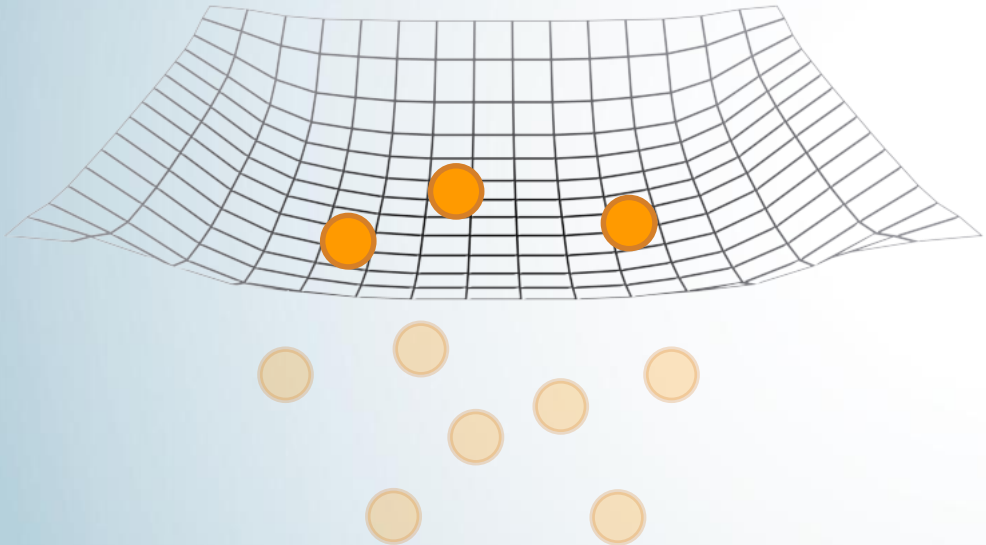
Project Intelligence In Action

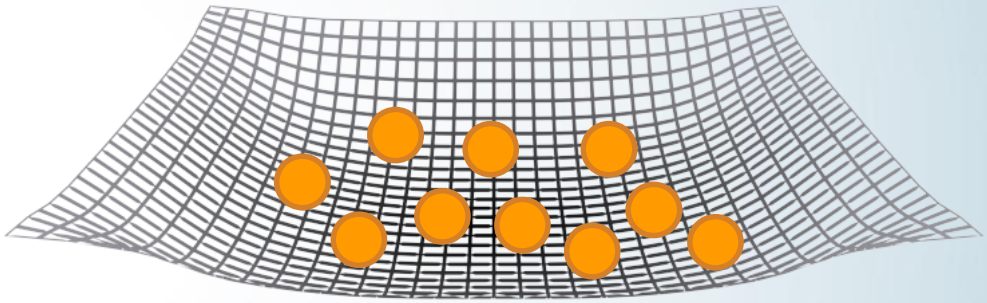




HEADLIGHT® Integrate

REDUCE RISK WITH A BETTER SAFETY NET





CONTRACTOR SOFTWARE LANDSCAPE

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Thank You.